



STATE OF MARYLAND

# DMMH

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**Office of Preparedness & Response**

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## Weekly Heat-related Illness Surveillance Report

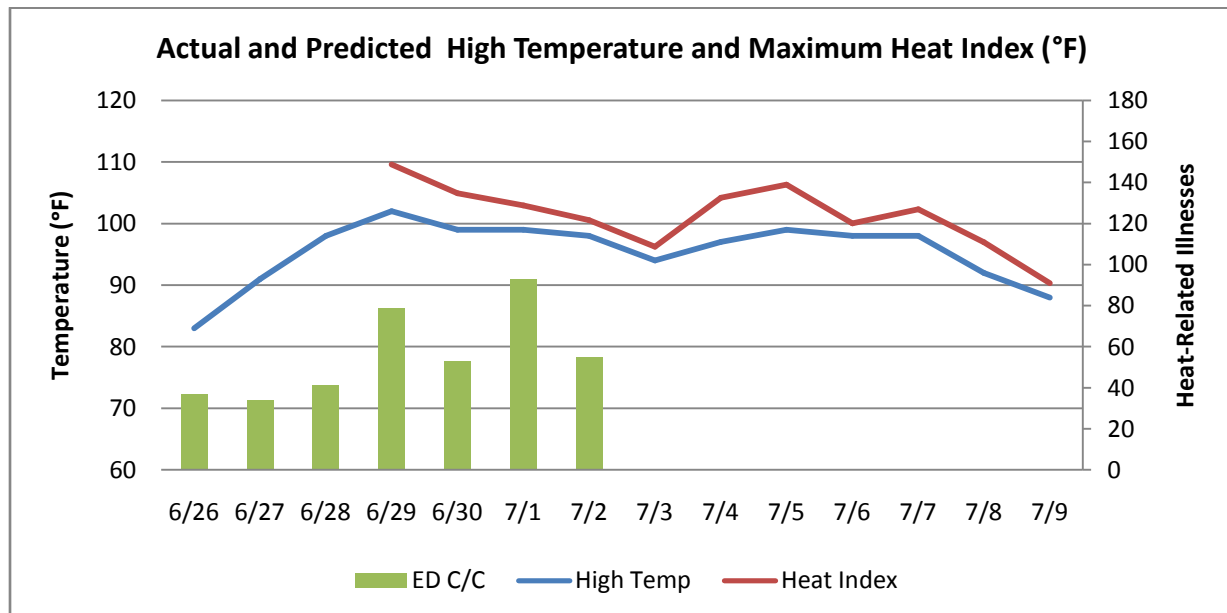
**July 3, 2012**

**Reporting for 06/26/12 through 07/02/12**

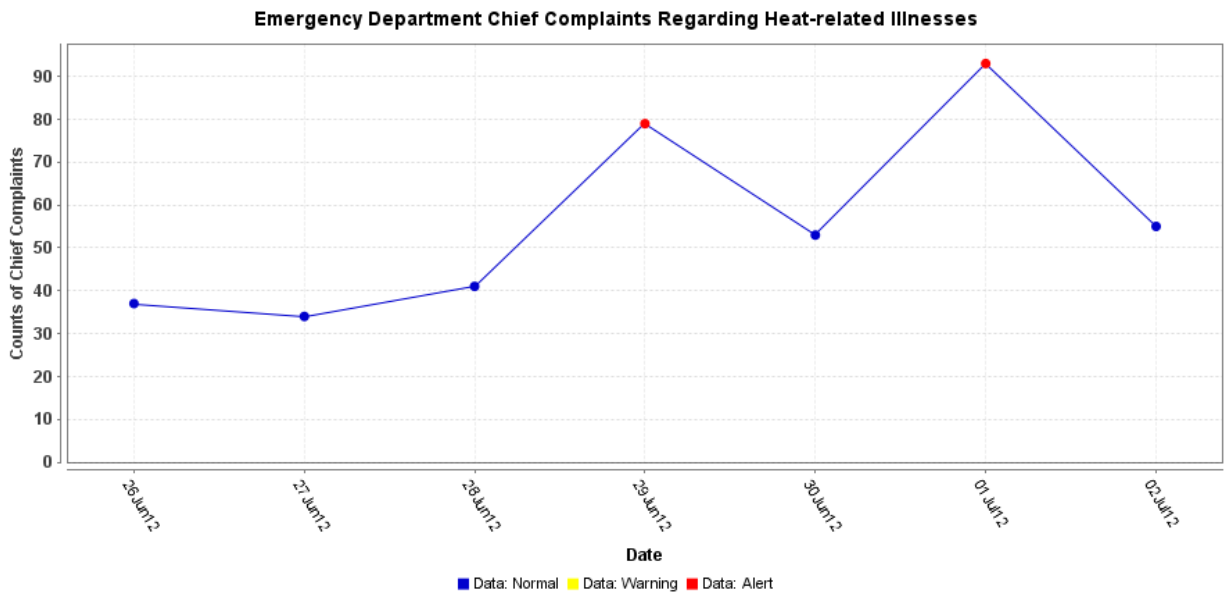
This information is used to make a Heat Advisory but is not a Heat Advisory in itself.

**National Weather Service Forecast: Potential Heat Advisories 7/4 through 7/7**  
**Heat Advisories Declared During the Previous Week: 3**  
**Total Heat Advisories Declared This Year: 5**

The National Weather Service forecasts a potential heat index of over 100°F for jurisdictions in the central region of Maryland on Wednesday, July 4<sup>th</sup> through Saturday, July 7<sup>th</sup>.



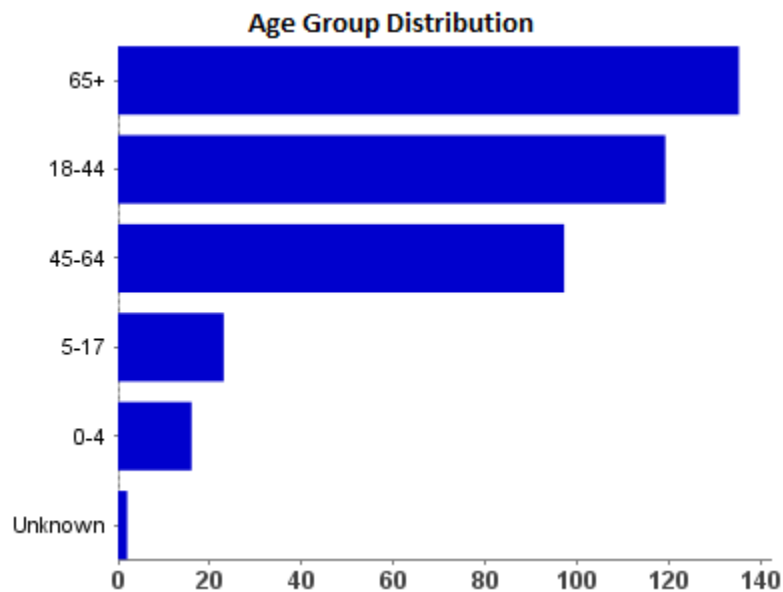
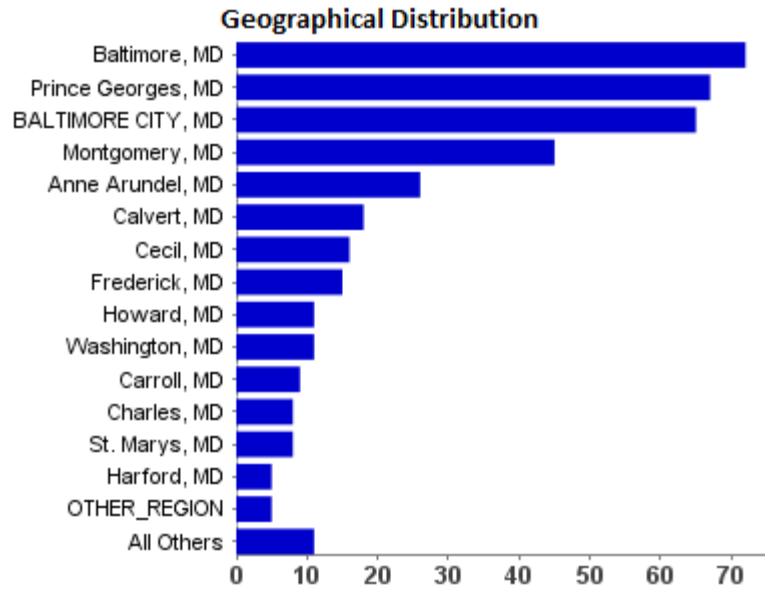
*Heat Indexes are calculated for temperatures above 80°F with humidity of 43% or greater.*



Date	Number of Chief Complaints Regarding Heat-related Illnesses State of Maryland
June 26	37
June 27	34
June 28	41
June 29	79
June 30	53
July 1	93
July 2	55

**\*Note: ESSENCE chief complaint query contains the following terms: hyperthermia, heat, dehydration, and sun burn**

A cluster of chief complaints regarding heat-related illnesses was identified on June 29. At this point in time it is believed that these chief complaints are related to a Girls Scout's event which involved approximately 250 children. The cluster is still being investigated and more information will be released as it is collected.



Total Number of Confirmed Heat-related Deaths	Jurisdiction	Age Group	Sex
4	Montgomery	45-64 Years Old	Male
	Wicomico	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male

<sup>#</sup>Refers to the jurisdiction where the heat-related death occurred

There have been a total of 4 heat-related deaths thus far in 2012.

**Heat Advisory criteria:** A Heat Advisory will be made for heat index values of 105°F or greater. We may issue a Heat Advisory for combinations of conditions such as high temperature, extended heat waves, humidity, poor air quality, and high UV. Criteria are based on National Weather Service guidelines.<sup>1</sup>

**Note:** The heat report will be released on Tuesdays, with the reporting period being the previous Tuesday through Monday. The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat. OP&R will be issuing heat reports through the beginning of September 2012.

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<sup>1</sup> NWS Heat Index Chart: <http://www.nws.noaa.gov/os/heat/images/heatindex.png>

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